

USB 3.1 to 2.5" SATA Hard Drive Adapter - USB 3.1 Gen 2 10Gbps with UASP External HDD/SSD Storage Converter

Product ID: USB312SAT3CB



Here's a fast, easy way to access data on a 2.5" solid-state or hard drive. This cable-style adapter lets you connect your laptop or desktop computer directly to a solid-state drive and access it through ultra-fast USB 3.1 Gen. 2 (up to 10 Gbps).

With the adapter cable, you can quickly swap hard drives without having to install your drives into an enclosure. You can copy or retrieve data from a 2.5" SSD/HDD quickly with no additional accessories required. It gives you easy drive access for data migration, drive cloning and data backup applications, with the fast performance of USB 3.1 Gen 2.

USB 3.1 Gen 2 gives you greater bandwidth and speed with rates of up to 10 Gbps - twice the speed of USB 3.0 (USB 3.1 Gen 1) technology. It lets you leverage the high performance of the latest SSDs and hard drives, while alleviating bottlenecks in your data transfers.

This cable-style adapter features a compact, lightweight design that tucks easily into a laptop bag or carrying case. Use it wherever you go to access valuable data quickly - with no external power required.

Note: This product is not compatible with 3.5 in. hard drives. For 3.5 in. drive support, please see our USB to SATA Cable with Supplemental Power (USB312SAT3).

The USB312SAT3CB is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility





Applications

- Technicians who need a quick, easy way to access data on 2.5" hard drives
- Take advantage of the faster speed of USB 3.1 Gen 2 (10 Gbps)
- Access any 2.5" hard drive or solid-state drive from any USB enabled computer, for data migration or drive cloning
- Back up important data to an external storage device
- Retrieve data from an old SATA drive

Features

- **QUICKLY ACCESS A SATA SSD OR HDD:** This USB 3.1 to SATA cable delivers instant access to your 2.5" SATA drives from your laptop or computer; The adapter is compatible with SATA I, II and III (up to 6Gbps) NOTE: Supports 2.5" SATA drives only. For 3.5" drives please see our USB312SAT3
- **FAST TRANSFER SPEEDS & UASP SUPPORT:** The SATA hard drive adapter cable lets users experience enhanced performance and super-fast data transfer speeds with support for USB 3.1 (10Gbps) and UASP
- **CONNECT FROM ANYWHERE:** The external HDD / SSD storage converter delivers perfect portability, tucking away nicely in a laptop bag; The cable-style adapter is USB-powered so no external power cords are required
- **PLUG-AND-PLAY:** Access any 2.5" hard drive or solid-state drive from any USB enabled computer by simply plugging in the SATA adapter cable; you can easily swap between drives with no need to install the drive inside an enclosure

Hardware

| | |
|-------------------------|--------------------|
| Warranty | 2 Years |
| Interface | USB 3.2 Gen 2 |
| Bus Type | USB 3.2 Gen 2 |
| Number of Drives | 1 |
| Drive Size | 2.5in |
| Compatible Drive Types | SATA |
| Number of 2.5 inch bays | 1 |
| Chipset ID | ASMedia - ASM235CM |

Performance

| | |
|----------------------------|---|
| Maximum Data Transfer Rate | 10 Gbps |
| Type and Rate | USB 3.2 Gen 2 - 10 Gbit/s |
| UASP Support | Yes |
| TRIM Support | Yes |
| 4Kn Support | Yes |
| Hardware Raid Supported | No |
| Max Drive Capacity | Currently tested with hard drives up to 2TB at 7200 RPM |
| Hot Swap Capability | Yes |
| MTBF | 1,665,032 hours |

Connector(s)

| | |
|------------------|---|
| Drive Connectors | 1 - SATA Data & Power Combo (7+15 pin) |
| Host Connectors | 1 - USB 3.2 Type-A (9 pin, Gen 2, 10Gbps) |

Software

| | |
|------------------|---|
| OS Compatibility | OS independent; No software or drivers required |
|------------------|---|

Special Notes / Requirements

| | |
|------|--|
| Note | Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices. |
|------|--|

Power

| | |
|--------------|-------------|
| Power Source | USB-Powered |
|--------------|-------------|

Environmental

| | |
|-----------------------|---------------------------|
| Operating Temperature | 0C to 70C (32F to 158F) |
| Storage Temperature | -10C to 55C (14F to 131F) |
| Humidity | 40% ~ 50% RH |

Physical Characteristics

| | |
|-------|-------|
| Color | Black |
|-------|-------|

| | |
|-------------------|-------------------|
| Material | Plastic |
| Product Length | 20.3 in [51.5 cm] |
| Product Width | 1.8 in [4.5 cm] |
| Product Height | 0.3 in [8.0 mm] |
| Weight of Product | 1.4 oz [39.0 g] |

Packaging Information

| | |
|---------------------------|------------------|
| Package Quantity | 1 |
| Package Length | 8.7 in [22.0 cm] |
| Package Width | 7.8 in [19.8 cm] |
| Package Height | 0.4 in [1.0 cm] |
| Shipping (Package) Weight | 1.8 oz [52.0 g] |

What's in the Box

| | |
|---------------------|--|
| Included in Package | 1 - USB 3.1 to SATA 2.5" HDD adapter cable |
| | 1 - quick start guide |

****Product appearance and specifications are subject to change without notice.***